

# Production technology of heat-resistant high-strength syntactic carbon foams for operation in extreme conditions

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## Abstract

© Published under licence by IOP Publishing Ltd. Production technology of products based on the syntactic carbon foams designed to operate in extreme conditions is proposed. The components and regime parameters for the production of foams of an open-pore cellular structure with specified thermophysical and strength characteristics for manufacturing the large-sized products of complex shape are determined.

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